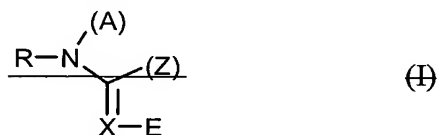


Amendments to the Claims

This listing of claims will replace all prior versions, and listings of claims in the application.

1. (Currently amended) A composition comprising a synergistically effective amount of a compound of formula (I)



in which

~~R represents hydrogen, optionally substituted acyl, alkyl, aryl, aralkyl, heterocyclyl, heteroaryl or heteroarylalkyl;~~

~~A represents a monofunctional group selected from the group consisting of hydrogen, acyl, alkyl, and aryl or represents a bifunctional group attached to Z;~~

~~E represents an electron withdrawing radical;~~

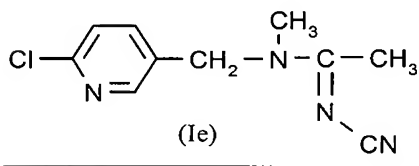
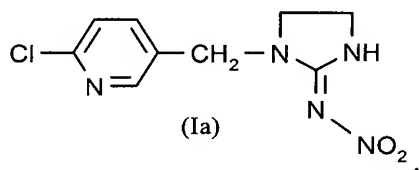
~~X represents CH= or =N, where CH= may be attached to Z instead of an H atom;~~

~~Z represents a monofunctional group selected from the group consisting of alkyl, OR, SR, and N(R)₂;~~

~~where the R groups are identical or different and are as defined above,~~

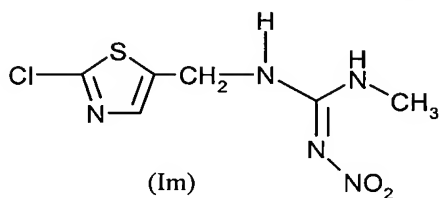
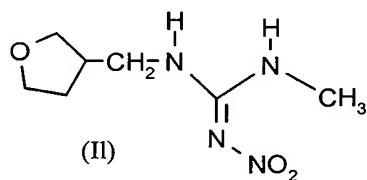
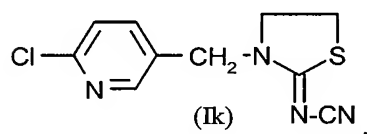
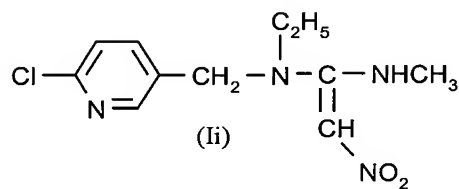
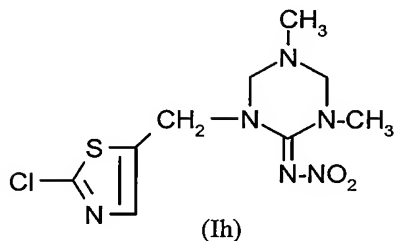
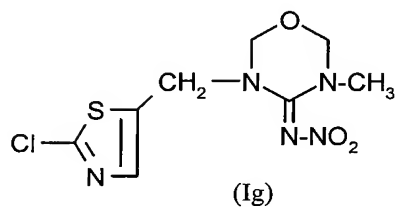
~~or represents a bifunctional group attached to A or X;~~

selected from the group consisting of

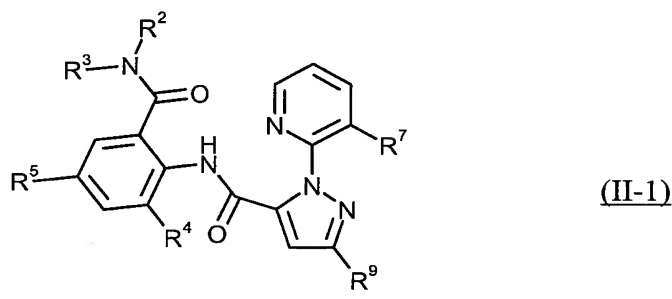


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and at least one compound of formula (H) (II-1)



in which

R² represents hydrogen or C₁-C₆-alkyl,

R³ represents C₁-C₆-alkyl which is optionally substituted by a radical R⁶,

R⁴ represents C₁-C₄-alkyl, C₁-C₂-haloalkyl, C₁-C₂-haloalkoxy or halogen,

R⁵ represents hydrogen, C₁-C₄-alkyl, C₁-C₂-haloalkyl, C₁-C₂-haloalkoxy or halogen,

R⁶ represents -C(=E²)R¹⁹, -LC(=E²)R¹⁹, -C(=E²)LR¹⁹ or -LC(=E²)LR¹⁹, where each E² independently of the others represents O, S, N-R¹⁵, N-OR¹⁵, N-N(R¹⁵)₂, and each L independently of the others represents O or NR¹⁸,

R⁷ represents C₁-C₄-haloalkyl or halogen,

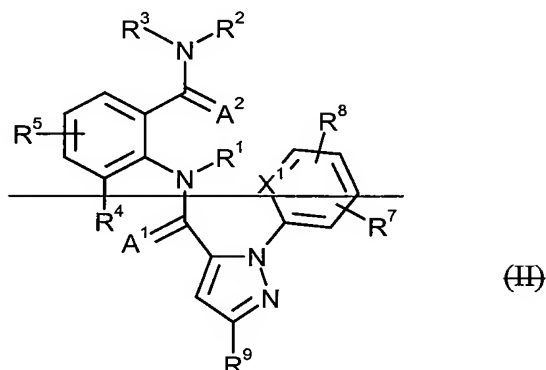
R⁹ represents C₁-C₂-haloalkyl, C₁-C₂-haloalkoxy, S(O)_pC₁-C₂-haloalkyl or halogen,

R¹⁵ in each case independently of one another represent hydrogen or represent in each case optionally substituted C₁-C₆-haloalkyl or C₁-C₆-alkyl, where the substituents independently of one another may be selected from the group consisting of cyano, C₁-C₄-alkoxy, C₁-C₄-haloalkoxy, C₁-C₄-alkylthio, C₁-C₄-alkylsulfinyl, C₁-C₄-alkylsulfonyl, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulfinyl or C₁-C₄-haloalkylsulfonyl,

R¹⁸ in each case represents hydrogen or C₁-C₄-alkyl,

R¹⁹ in each case independently of one another represent hydrogen or C₁-C₆-alkyl,

p independently of one another represents 0, 1, 2.



in which

A^1 and A^2 independently of one another represent oxygen or sulfur,

X^1 represents N or CR^{10} ;

R^1 represents hydrogen or represents in each case optionally mono or polysubstituted C_1 - C_6 -alkyl, C_2 - C_6 -alkenyl, C_2 - C_6 -alkynyl or C_3 - C_6 -cycloalkyl, where the substituents independently of one another may be selected from the group consisting of R^6 , halogen, cyano, nitro, hydroxyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulfinyl, C_1 - C_4 -alkylsulfonyl, C_2 - C_4 -alkoxycarbonyl, C_1 - C_4 -alkylamino, C_2 - C_8 -dialkylamino, C_3 - C_6 -cycloalkylamino, $(C_1$ - C_4 -alkyl) C_3 - C_6 -cycloalkylamino and R^{11} ;

R^2 represents hydrogen, C_1 - C_6 -alkyl, C_2 - C_6 -alkenyl, C_2 - C_6 -alkynyl, C_3 - C_6 -cycloalkyl, C_1 - C_4 -alkoxy, C_1 - C_4 -alkylamino, C_2 - C_8 -dialkylamino, C_3 - C_6 -cycloalkylamino, C_2 - C_6 -alkoxycarbonyl or C_2 - C_6 -alkylcarbonyl;

R^3 represents hydrogen, R^{11} or represents in each case optionally mono or polysubstituted C_1 - C_6 -alkyl, C_2 - C_6 -alkenyl, C_2 - C_6 -alkynyl, C_3 - C_6 -cycloalkyl, where the substituents independently of one another may be selected from the group consisting of R^6 , halogen, cyano, nitro, hydroxyl, C_1 - C_4 -alkoxy, C_1 - C_4 -haloalkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulfinyl, C_1 - C_4 -alkylsulfonyl, C_2 - C_6 -alkoxycarbonyl, C_2 - C_6 -alkylcarbonyl, C_3 - C_6 -trialkylsilyl, R^{11} , phenyl, phenoxy and a 5- or 6-membered heteroaromatic ring, where each phenyl, phenoxy and 5- or 6-membered heteroaromatic ring may optionally be substituted and where the substituents independently of one another may be selected from one to three radicals

~~W or one or more radicals R^{12} , or~~
 ~~R^2 and R^3 may be attached to one another and form the ring M,~~
 ~~R^4 —represents hydrogen, C_1 - C_6 -alkyl, C_2 - C_6 -alkenyl, C_2 - C_6 -alkynyl, C_3 - C_6 -cycloalkyl, C_1 - C_6 -haloalkyl, C_2 - C_6 -haloalkenyl, C_2 - C_6 -haloalkynyl, C_3 - C_6 -halocycloalkyl, halogen, cyano, nitro, hydroxyl, C_1 - C_4 -alkoxy, C_1 - C_4 -haloalkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulfinyl, C_1 - C_4 -alkylsulfonyl, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulfinyl, C_1 - C_4 -haloalkylsulfonyl, C_1 - C_4 -alkylamino, C_2 - C_8 -dialkylamino, C_3 - C_6 -cycloalkylamino, C_3 - C_6 -trialkylsilyl or represents in each case optionally mono- or polysubstituted phenyl, benzyl or phenoxy, where the substituents independently of one another may be selected from the group consisting of C_1 - C_4 -alkyl, C_2 - C_4 -alkenyl, C_2 - C_4 -alkynyl, C_3 - C_6 -cycloalkyl, C_1 - C_4 -haloalkyl, C_2 - C_4 -haloalkenyl, C_2 - C_4 -haloalkynyl, C_3 - C_6 -halocycloalkyl, halogen, cyano, nitro, C_1 - C_4 -alkoxy, C_1 - C_4 -haloalkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulfinyl, C_1 - C_4 -alkylsulfonyl, C_1 - C_4 -alkylamino, C_2 - C_8 -dialkylamino, C_3 - C_6 -cycloalkylamino, C_3 - C_6 -(alkyl)cycloalkylamino, C_2 - C_4 -alkylcarbonyl, C_2 - C_6 -alkoxycarbonyl, C_2 - C_6 -alkylaminocarbonyl, C_3 - C_8 -dialkylamino-carbonyl and C_3 - C_6 -trialkylsilyl,~~
 ~~R^5 and R^8 in each case independently of one another represent hydrogen, halogen or represent in each case optionally substituted C_1 - C_4 -alkyl, C_1 - C_4 -haloalkyl, R^{12} , G, J, OJ, OG, $S(O)_p$ -J, $S(O)_p$ -G, $S(O)_p$ -phenyl, where the substituents independently of one another may be selected from one to three radicals W or from the group consisting of R^{12} , C_1 - C_{10} -alkyl, C_2 - C_6 -alkenyl, C_2 - C_6 -alkynyl, C_1 - C_4 -alkoxy and C_1 - C_4 -alkylthio, where each substituent may be substituted by one or more substituents independently of one another selected from the group consisting of G, J, R^6 , halogen, cyano, nitro, amino, hydroxyl, C_1 - C_4 -alkoxy, C_1 - C_4 -haloalkoxy, C_1 - C_4 -alkylthio, C_1 - C_4 -alkylsulfinyl, C_1 - C_4 -alkylsulfonyl, C_1 - C_4 -haloalkylthio, C_1 - C_4 -haloalkylsulfinyl, C_1 - C_4 -haloalkylsulfonyl, C_1 - C_4 -alkylamino, C_2 - C_8 -dialkylamino, C_3 - C_6 -trialkylsilyl, phenyl and phenoxy, where each phenyl or phenoxy ring may optionally be substituted and where the~~

- ~~substituents independently of one another may be selected from one to three radicals W or one or more radicals R¹²;~~
- ~~G — in each case independently of one another represent a 5- or 6-membered nonaromatic carbocyclic or heterocyclic ring which optionally contains one or two ring members from the group consisting of C(=O), SO and S(=O)₂ and which may optionally be substituted by one to four substituents independently of one another selected from the group consisting of C₁-C₂-alkyl, halogen, cyano, nitro and C₁-C₂-alkoxy, or independently of one another represent C₂-C₆-alkenyl, C₂-C₆-alkynyl, C₃-C₇-cycloalkyl, (cyano)C₃-C₇-cycloalkyl, (C₁-C₄-alkyl)C₃-C₆-cycloalkyl, (C₃-C₆-cycloalkyl)C₁-C₄-alkyl, where each cycloalkyl, (alkyl)cycloalkyl and (cycloalkyl)alkyl may optionally be substituted by one or more halogen atoms;~~
- ~~J — in each case independently of one another represent an optionally substituted 5- or 6-membered heteroaromatic ring, where the substituents independently of one another may be selected from one to three radicals W or one or more radicals R¹²;~~
- ~~R⁶ — independently of one another represent C(=E¹)R¹⁹, LC(=E¹)R¹⁹, C(=E¹)LR¹⁹, LC(=E¹)LR¹⁹, OP(=Q)(OR¹⁹)₂, SO₂LR¹⁸ or LSO₂LR¹⁹, where each E¹ independently of the others represents O, S, N-R¹⁵, N-OR¹⁵, N-N(R¹⁵)₂, N-S=O, N-CN or N-NO₂;~~
- ~~R⁷ — represents hydrogen, C₁-C₄-alkyl, C₁-C₄-haloalkyl, halogen, C₁-C₄-alkoxy, C₁-C₄-haloalkoxy, C₁-C₄-alkylthio, C₁-C₄-alkylsulfinyl, C₁-C₄-alkylsulfonyl, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulfinyl, C₁-C₄-haloalkylsulfonyl;~~
- ~~R⁹ — represents C₁-C₄-haloalkyl, C₁-C₄-haloalkoxy, C₁-C₄-haloalkylsulfinyl or halogen;~~
- ~~R¹⁰ — represents hydrogen, C₁-C₄-alkyl, C₁-C₄-haloalkyl, halogen, cyano or C₁-C₄-haloalkoxy;~~
- ~~R¹¹ — in each case independently of one another represent in each case optionally mono- to trisubstituted C₁-C₆-alkylthio, C₁-C₆-alkylsulfinyl,~~

- ~~C₁-C₆-haloalkythio, — C₁-C₆-haloalkylsulfenyl, — phenylthio — or phenylsulfenyl, where the substituents independently of one another may be selected from the list consisting of W, — S(O)_nN(R¹⁶)₂, — C(=O)R¹³, — L(C=O)R¹⁴, — S(C=O)LR¹⁴, — C(=O)LR¹³, — S(O)_nNR¹³C(=O)R¹³, — S(O)_nNR¹³C(=O)LR¹⁴ and — S(O)_nNR¹³S(O)₂LR¹⁴;~~
- ~~L — in each case independently of one another represent O, NR¹⁸ or S,~~
- ~~R¹² — in each case independently of one another represent B(OR¹⁷)₂, amino, SH, thiocyanato, C₃-C₈-trialkylsilyloxy, C₁-C₄-alkyl disulfide, — SF₅, — C(=E¹)R¹⁹, — LC(=E¹)R¹⁹, — C(=E¹)LR¹⁹, — LC(=E¹)LR¹⁹, — OP(=Q)(OR¹⁹)₂, — SO₂LR¹⁹ or — LSO₂LR¹⁹;~~
- ~~Q — represents O or S,~~
- ~~R¹³ — in each case independently of one another represent hydrogen or represent in each case optionally mono or polysubstituted C₁-C₆-alkyl, C₂-C₆-alkenyl, C₂-C₆-alkynyl or C₃-C₆-cycloalkyl, where the substituents independently of one another may be selected from the group consisting of R⁶, halogen, cyano, nitro, hydroxyl, C₁-C₄-alkoxy, C₁-C₄-alkylsulfinyl, C₁-C₄-alkylsulfonyl, — C₁-C₄-alkylamino, — C₂-C₈-dialkylamino, — C₃-C₆-cycloalkylamino and (C₁-C₄-alkyl)C₃-C₆-cycloalkylamino;~~
- ~~R¹⁴ — in each case independently of one another represent in each case mono or polysubstituted C₁-C₂₀-alkyl, C₂-C₂₀-alkenyl, C₂-C₂₀-alkynyl or C₃-C₆-cycloalkyl, where the substituents independently of one another may be selected from the group consisting of R⁶, halogen, cyano, nitro, hydroxyl, C₁-C₄-alkoxy, — C₁-C₄-alkylsulfinyl, — C₁-C₄-alkylsulfonyl, — C₁-C₄-alkylamino, — C₂-C₈-dialkylamino, — C₃-C₆-cycloalkylamino and (C₁-C₄-alkyl)C₃-C₆-cycloalkylamino or represent optionally substituted phenyl, where the substituents independently of one another may be selected from one to three radicals W or one or more radicals R¹²;~~
- ~~R¹⁵ — in each case independently of one another represent hydrogen or represent in each case mono or polysubstituted C₁-C₆-haloalkyl or C₁-C₆-alkyl, where the substituents independently of one another may be selected from the group consisting of cyano, nitro, hydroxyl, C₁-C₄-alkoxy, C₁-C₄-~~

haloalkoxy, C₁-C₄-alkylthio, C₁-C₄-alkylsulfinyl, C₁-C₄-alkylsulfonyl, C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulfinyl, C₁-C₄-haloalkylsulfonyl, C₁-C₄-alkylamino, —C₂-C₈-dialkylamino, —C₂-C₆-alkoxy-carbonyl, —C₂-C₆-alkyl-carbonyl, C₃-C₆-trialkylsilyl and optionally substituted phenyl, where the substituents independently of one another may be selected from one to three radicals W or one or more radicals R¹², or N(R¹⁵)₂ represents a cycle which forms the ring M,

R¹⁶ — represents C₁-C₁₂-alkyl or C₁-C₁₂-haloalkyl, or N(R¹⁶)₂ represents a cycle which forms the ring M,

R¹⁷ — in each case independently of one another represent hydrogen or C₁-C₄-alkyl, or B(OR¹⁷)₂ represents a ring, where the two oxygen atoms are attached via a chain to two or three carbon atoms which are optionally substituted by one or two substituents independently of one another selected from the group consisting of methyl and C₂-C₆-alkoxy-carbonyl,

R¹⁸ — in each case independently of one another represent hydrogen, C₁-C₆-alkyl or C₁-C₆-haloalkyl, or N(R¹³)(R¹⁸) represents a cycle which forms the ring M,

R¹⁹ — in each case independently of one another represent hydrogen or represent in each case optionally mono or polysubstituted C₁-C₆-alkyl, where the substituents independently of one another may be selected from the group consisting of cyano, nitro, hydroxyl, C₁-C₄-alkoxy, C₁-C₄-haloalkoxy, C₁-C₄-alkylthio, —C₁-C₄-alkylsulfinyl, —C₁-C₄-alkylsulfonyl, —C₁-C₄-haloalkylthio, C₁-C₄-haloalkylsulfinyl, C₁-C₄-haloalkylsulfonyl, C₁-C₄-alkylamino, C₂-C₈-dialkylamino, CO₂H, C₂-C₆-alkoxy-carbonyl, C₂-C₆-alkyl-carbonyl, C₃-C₆-trialkylsilyl and optionally substituted phenyl, where the substituents independently of one another may be selected from one to three radicals W, C₁-C₆-haloalkyl, C₃-C₆-cycloalkyl or phenyl or pyridyl, each of which is optionally mono to trisubstituted by W,

M — in each case represents an optionally mono to tetrasubstituted ring which, in addition to the nitrogen atom which is attached to the substituent pair R¹³ and R¹⁸, (R¹⁵)₂ or (R¹⁶)₂, contains two to six carbon atoms and

~~optionally additionally a further nitrogen, sulfur or oxygen atom, and where the substituents independently of one another may be selected from the group consisting of C₁-C₂-alkyl, halogen, cyano, nitro and C₁-C₂-alkoxy,~~

~~W in each case independently of one another represent C₁-C₄-alkyl, C₂-C₄-alkenyl, C₂-C₄-alkynyl, C₃-C₆-cycloalkyl, C₁-C₄-haloalkyl, C₂-C₄-haloalkenyl, C₂-C₄-haloalkynyl, C₃-C₆-halocycloalkyl, halogen, cyano, nitro, C₁-C₄-alkoxy, C₁-C₄-haloalkoxy, C₁-C₄-alkylthio, C₁-C₄-alkylsulfanyl, C₁-C₄-alkylsulfonyl, C₁-C₄-alkylamino, C₂-C₈-dialkylamino, C₃-C₆-cycloalkylamino, (C₁-C₄-alkyl)C₃-C₆-cycloalkylamino, C₂-C₄-alkylcarbonyl, C₂-C₆-alkoxycarbonyl, CO₂H, C₂-C₆-alkylaminocarbonyl, C₃-C₈-dialkylaminocarbonyl or C₃-C₆-trialkylsilyl,~~

~~n in each case independently of one another represent 0 or 1,~~

~~p in each case independently of one another represent 0, 1 or 2.~~

~~where in the case that (a) R⁵ represents hydrogen, C₁-C₆-alkyl, C₁-C₆-haloalkyl, C₂-C₆-haloalkenyl, C₂-C₆-haloalkynyl, C₁-C₄-haloalkoxy, C₁-C₄-haloalkylthio or halogen and (b) R⁸ represents hydrogen, C₁-C₆-alkyl, C₁-C₆-haloalkyl, C₂-C₆-haloalkenyl, C₂-C₆-haloalkynyl, C₁-C₄-haloalkoxy, C₁-C₄-haloalkylthio, halogen, C₂-C₄-alkylcarbonyl, C₂-C₆-alkoxycarbonyl, C₂-C₆-alkylaminocarbonyl or C₃-C₈-dialkylaminocarbonyl, (c) at least one substituent selected from the group consisting of R⁶, R¹¹ and R¹² is present and (d), if R¹² is not present, at least one R⁶ or R¹¹ is different from C₂-C₆-alkylcarbonyl, C₂-C₆-alkoxycarbonyl, C₂-C₆-alkylaminocarbonyl and C₃-C₈-dialkylaminocarbonyl~~

and wherein said compound of formula (I) and said compound of formula (II) are present in a ratio of from 250:1 to 1:50.

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)
5. (Cancelled)
6. (Previously presented) A method of controlling animal pests comprising contacting the animal pests with a composition according to claim 1.
7. (Currently amended) A process for preparing pesticides, comprising mixing a compound of formula (I) as set forth in claim 1 ~~or 2~~ and at least one compound of formula (II) as recited in claim 1 with extenders ~~and/or~~ surfactants, or combinations thereof.